



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

It is well known that over the plains in Colorado crops are now being raised without irrigation in places where this was formerly supposed impossible. This is in large part due to the adoption of improved methods of cultivation specially adapted to the climatic conditions. The farmer early observed the dry weather of June, and came to expect it as a rule. On these plains successful agriculture was possible only after a careful study of the June drought. At the present time the aim is to have the times of planting so fixed that at the time of this drought each crop shall be at that stage of its growth in which experience shows it can best endure the dry weather.

G. H. STONE.

Colorado Springs, March 5.

The Fiske Range-Finder.

WITH reference to the very interesting suggestion of Mr. J. F. Dennison concerning my range-finder, which appeared in your issue of Feb. 28, I can only say that the plan which he suggests has been the subject of much thought on my part, and has been sketched out in many modified forms. The only objection to it is the very commonplace, but very potent one, that the end attained is hardly worth the apparatus required. Some person must be at hand to read the distances indicated, and he can very easily move the contacts himself. As a general principle, I think it is agreed that mechanism should never be introduced where it can be avoided, for mechanism is liable to disarrangement; and simplicity should, it seems to me, be the aim of all invention.

BRADLEY A. FISKE, U.S.N.

New York, March 5.

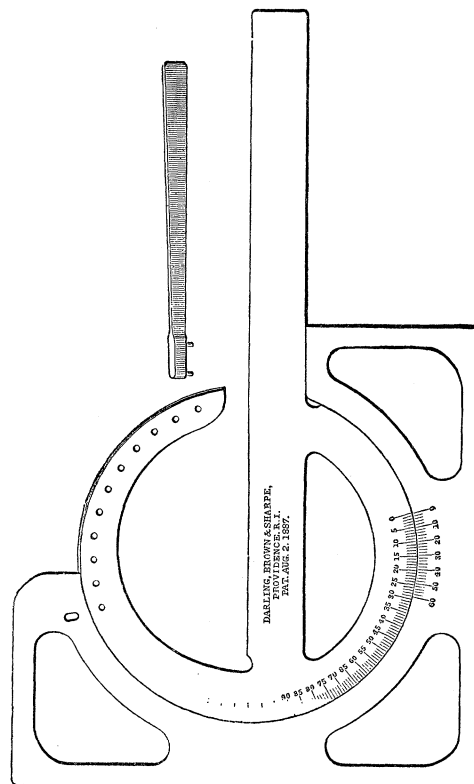
INDUSTRIAL NOTES.

A New Draughtsman's Protractor.

THE protractor shown in the accompanying cut is made from one-sixteenth inch sheet steel, and is light and durable. The length of the blade is eight inches and a half. The graduations read to degrees, and the vernier reads to two minutes. This protractor is chiefly used in connection with a T-square or straight-edge. It can be quickly and accurately set by hand to any angle. A lever is, however, provided as of possible advantage in obtaining very fine settings.

There are no projections on either face of the instrument, and consequently it can be used on either edge of the blade or

either side up. This makes it particularly convenient in dividing circles, transferring angles, drawing oblique lines at right angles to each other, or laying off given angles on each side of a vertical or horizontal line without changing the setting. For laying out tapers and dividing circles and laying out geometrical figures, tables are furnished with the instru-



ment, which give the settings that are necessary. In many instances the protractor takes the place of the ordinary 45-degree and 60-degree triangles, and it is also used as an extension to the T-square when the work is beyond the end of the blade of the square. It is made by Darling, Brown, and Sharpe, manufacturers of fine tools, of Providence, R.I.

The Cod
That Helps to Cure
The Cold.
The disagreeable
taste of the
COD LIVER OIL
is dissipated in
SCOTT'S
EMULSION
Of Pure Cod Liver Oil with
HYPOPHOSPHITES
OF LIME AND SODA.
The patient suffering from
CONSUMPTION,
BRONCHITIS, COUGH, COLD, OR
WASTING DISEASES, may take the
remedy with as much satisfaction as he
would take milk. Physicians are prescrib-
ing it everywhere. It is a perfect emulsion,
and a wonderful flesh producer. Take no other

A New Method of Treating Disease.

HOSPITAL REMEDIES.

What are they? There is a new departure in the treatment of disease. It consists in the collection of the specifics used by noted specialists of Europe and America, and bringing them within the reach of all. For instance, the treatment pursued by special physicians who treat indigestion, stomach and liver troubles only, was obtained and prepared. The treatment of other physicians celebrated for curing catarrh was procured, and so on till these incomparable cures now include disease of the lungs, kidneys, female weakness, rheumatism and nervous debility.

This new method of "one remedy for one disease" must appeal to the common sense of all sufferers, many of whom have experienced the ill effects, and thoroughly realize the absurdity of the claims of Patent Medicines which are guaranteed to cure every ill out of a single bottle, and the use of which, as statistics prove, *has ruined more stomachs than alcohol.* A circular describing these new remedies is sent free on receipt of stamp to pay postage by Hospital Remedy Company, Toronto, Canada, sole proprietors.



Roasted Teas, Coffees and Baking Powder. For full particulars address **THE GREAT AMERICAN TEA CO.**
P. O. Box 289, 31 and 33 Vesey St., New York.

CHANCE FOR ALL

To Enjoy a Cup of Perfect Tea. A TRIAL ORDER of $\frac{3}{4}$ pounds of Fine Tea, either Oolong, Japan, Imperial, Gunpowder, Young Hyson, Mixed, English Breakfast or Sun Sun Chop, sent by mail on receipt of \$2.00. Be particular and state what kind of Tea you want. Greatest inducement ever offered to get orders for our celebrated teas.

MINERALS.

Cabinet Specimens and Collections.

Our stock is very complete in fine specimens for the connoisseur, as well as cheaper specimens for the student and amateur. Complete Catalogue Free.

GEO. L. ENGLISH & CO.,

Dealers in Minerals,

1512 Chestnut Street, Philadelphia, Pa.

Old and Rare Books.

Back numbers Atlantic, Century, Harper, and Scribner, 10 cents per copy, other magazines equally low. Send for a catalogue.

A. S. CLARK,

Bookseller,

34 Park Row, New York City.

BACK NUMBERS and complete sets of leading Magazines. Rates low. **A.M. MAG. EXCHANGE,** Schoharie, N.Y.